

## INTERNATIONAL SEARCH REPORT

Interr al Application No  
PCT/IB2005/050023

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/181276 A1 (YAMAZAKI SHUNPEI) 5 December 2002 (2002-12-05) paragraph '0136! - paragraph '0139!; figures 1a,1b paragraph '0182! - paragraph '0195!; figures 7,8a,8b	1-6,8, 10-17,21
Y	paragraph '0155! - paragraph '0167!; figure 3	7,18
Y	US 6 313 815 B1 (TAKEDA TOSHIHIKO ET AL) 6 November 2001 (2001-11-06) column 16, line 1 - column 17, line 67; figures 15-18	1-21
X	US 2003/189541 A1 (HASHIMOTO YOSHIHARU) 9 October 2003 (2003-10-09)	1-6,15
Y	paragraph '0101! - paragraph '0108!; figures 3,10,11	10,11,19
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

4 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 293 048 A (PHILIPS ELECTRONIC AND ASSOCIATED INDUSTRIES LIMITED; N.V. PHILIPS' GL) 30 November 1988 (1988-11-30) column 13, line 39 - column 14, line 45; figure 4 -----	1-6,8,15
Y	US 2003/146712 A1 (INUKAI KAZUTAKA) 7 August 2003 (2003-08-07)  paragraph '0012! - paragraph '0015!; figure 18	1-9, 12-18, 20,21
A	paragraph '0130! - paragraph '0144!; figures 1-4 paragraph '0027! - paragraph '0031!; figures 20,20a,20b paragraph '0035! - paragraph '0037! -----	1-6,15
X	US 5 151 632 A (TROXELL ET AL) 29 September 1992 (1992-09-29)	1-6,8,15
Y	column 2, line 55 - column 3, line 37; figures 2,3 -----	7,18
X	EP 1 336 954 A (SEIKO EPSON CORPORATION) 20 August 2003 (2003-08-20) paragraph '0061! - paragraph '0067!; figures 15,16 -----	1-6, 15-17
A	US 2002/080295 A1 (SOMEYA SAKAE ET AL) 27 June 2002 (2002-06-27) paragraph '0124! - paragraph '0130!; figures 10-13 -----	1-6,15, 16

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